User manual

QTA Check-in Node

QTA TRACER SYSTEM®

Version 1.0

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1 Introduction

The Check-in Node reads announcement data from QTA Tracers and send the information to QTA Web Portal.

1.1 System Requirements QTA Check-in Node

CIN running on following platforms

Accessory	Description
iPad mini iPad 4th generation or later	WLAN GPRS Bluetooth 4.0
iPhone 4s or later	WLAN GPRS Bluetooth 4.0

1.2 QTA Tracer System overview

The QTA Tracer system consists of a PC with the QTA Tracer System software installed, a Bluetooth USB dongle, a Barcode reader and QTA Tracers. For full functionality the system also includes QTA Check-in Nodes, QTA Readers and the QTA Web Portal. Figure 1 displays the QTA Tracer system.

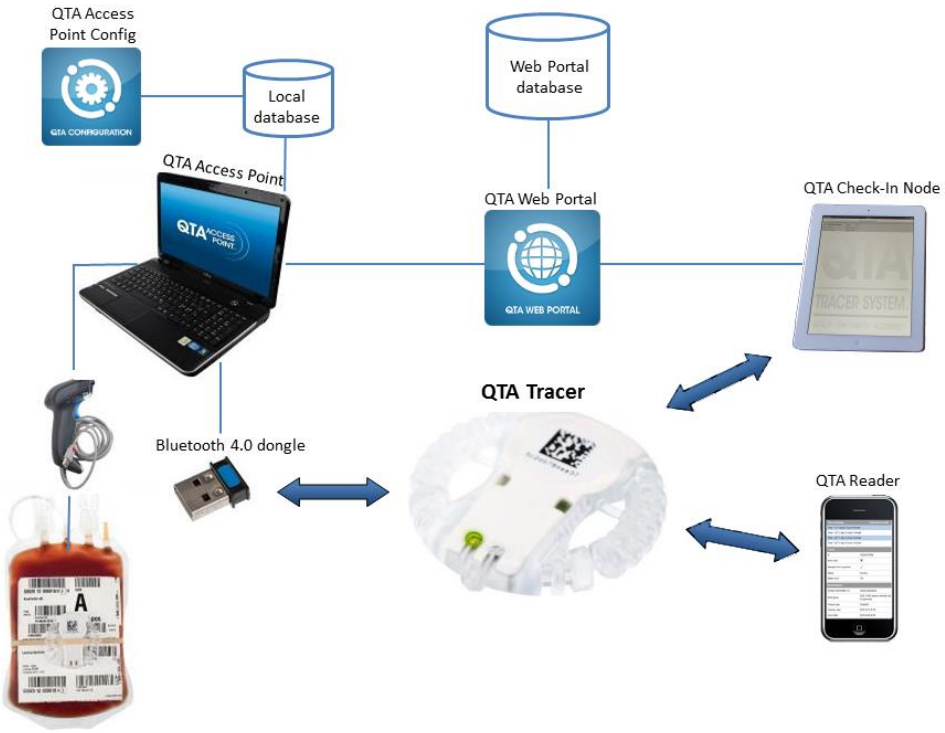


Figure 1. The QTA Tracer System

1.3 QTA Check-in Node function

The purpose of Check-in Node is to read announcement data (using a Bluetooth Low Energy connection) from all QTA Tracers that is in the area and send the information to QTA Web Portal. This information is used on the Web Portal to display the status of the blood bag and where the QTA Tracer is located.

2 Installation

Visit Apple App Store to download and install the free App “QTA Check-in”.

3 Usage

3.1 **Register QTA Check-in Nodes** (System administrators only)

To register a QTA Check-in Node on the QTA Web Portal follow these steps:

1. On iPad choose “Settings”
2. Scroll down to “QTA Check-in Node”
3. Make sure Server location is correct (http://www.qtatracersystem.com)
4. Copy CIN UUID (if the field is empty, first open the Check-in Application on the iPad)

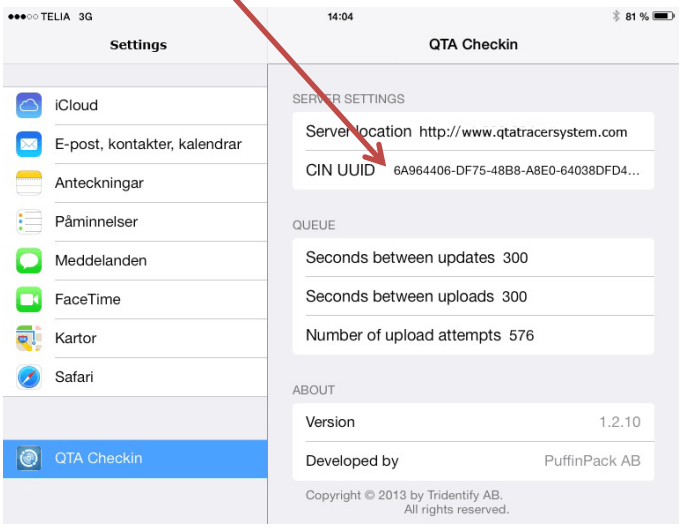


Figure 2 QTA Check-in Node – Settings

5. Open your web browser and go to: www.qtatracersystem.com
   click on Sign In in **the** upper right corner to sign in with user id and password (provided by the system administrator)
6. Paste the CIN UUID into the “Node unique id” text field
7. Click on “Search and Edit”-button

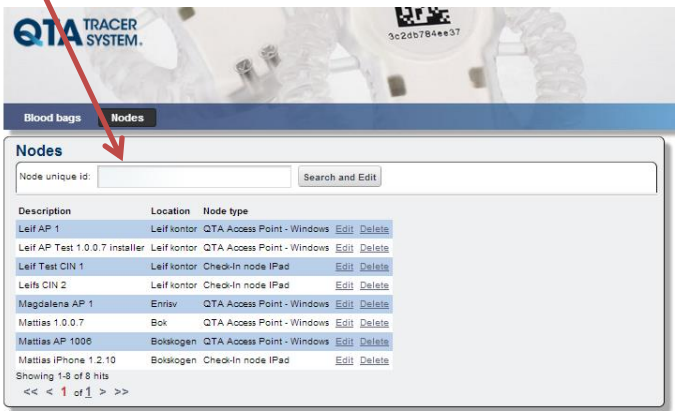


Figure 3 QTA Web Portal – Node registration

8. Fill in the form. Make sure the description and Location makes it easily identified on the Portal

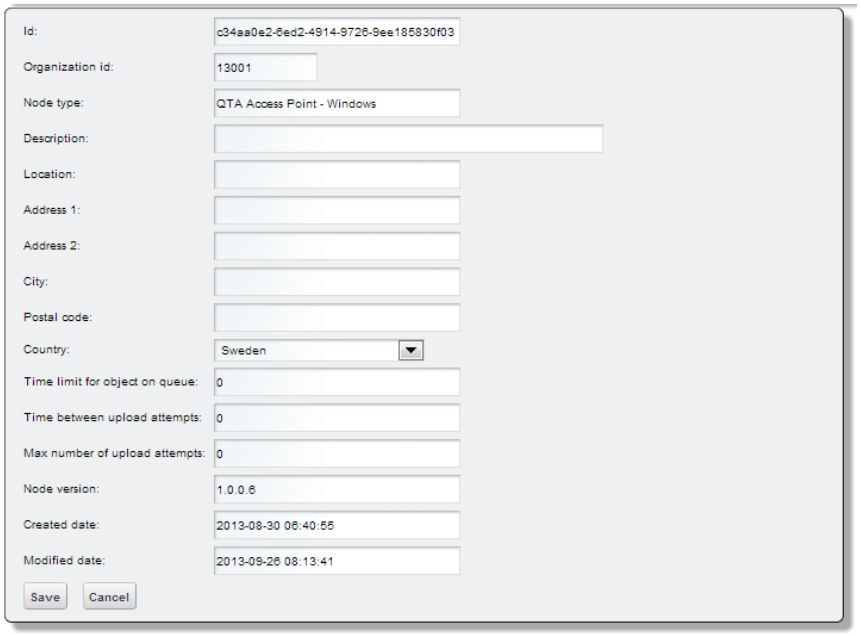
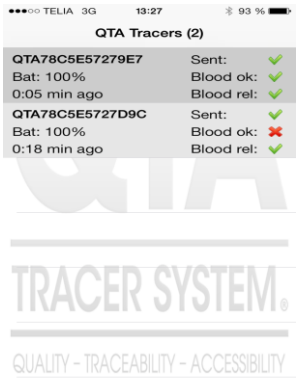


Figure 4 QTA Web Portal – Node form

3.2 Operation

On the iPad press the Check-in icon
The application must be visible on screen to function. It cannot operate in the background.



Information displayed on Check-in Node:

- Tracer id
- Battery level
- Time since announcement was registered
- Sent status
- Blood status
- Blood release status

Information is automatically sent to Web Portal where expiration date and Node location is displayed – along with the above information and data from blood bag.